



Anti-HIST3H2BB (aa 111-125) polyclonal antibody (DPAB-DC528)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H2B family. Transcripts from this gene contain a palindromic termination element.
Immunogen	A synthetic peptide corresponding to amino acids 111-125 of human HIST3H2BB. The sequence is AVSEGTKAVTKYTSS
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Chicken, Dog, Fruit fly, Human, Mouse, Rat, Zebrafish
Conjugate	Unconjugated
Applications	WB (Tissue lysate), WB (Cell lysate), WB (Cell lysate),
Format	Liquid
Size	100 µg
Buffer	In PBS (0.05% BSA, 0.05% sodium azide)
Preservative	0.05% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HIST3H2BB histone cluster 3, H2bb [Homo sapiens (human)]
Official Symbol	HIST3H2BB
Synonyms	HIST3H2BB; histone cluster 3, H2bb; H2Bb; histone H2B type 3-B; H2B type 12; histone 3, H2bb;
Entrez Gene ID	128312
Protein Refseq	NP_778225
UniProt ID	Q8N257
Chromosome Location	1q42.13
Pathway	Alcoholism; Amyloids; Cell Cycle, Mitotic; Cellular responses to stress.
Function	DNA binding; molecular_function; protein heterodimerization activity;